

# FLOOD EVENT OF 1/14/2006 - 1/15/2006

## PASSAIC BASIN

Site	Flood Stage	Date	Crest	Flow	Category	Basin	Stream	County
Pompton Lakes, NJ	9.0	1/15/2006	9.13	1,450	Minor	Passaic	Ramapo	Passaic
Wanaque, NJ	5.0	1/14/2006	5.04	1,000	Minor	Passaic	Wanaque	Passaic

## Weather Summary

A low which strengthened over the lower Mid West then pushed through the Mid Atlantic from January 2-3, brought between 1.5 and 2 inches to northern New Jersey, not causing flooding, but thoroughly saturating the soil. Over the next week and a half, three more storms with similar tracks impacted the area with still more, albeit, less significant rain. On the 12th of January, a cold front attached to a strong low located in Minnesota extended from the southern portion of the state into the southwest and collided with a weak tracking across the Oklahoma panhandle. This low quickly developed and and strengthened as the system moved into the Gulf South, drawing up warm, moist air which allowed significant showers and thunderstorms to develop ahead of the cold front. Turning towards the northeast on the 14th, the low occluded and slowed as it crossed over Pennsylvania and into New Jersey. Heavy rain, which developed on account of the cold front passage, provided near one inch of rain to the entire Passaic basin in New Jersey.

## Crest Statistics/Flood Information

Crest occurred 1/14/2006 - 1/15/2006

Second flood of 3 that occurred in January, 2006.

Second flood of 12 that occurred in 2006.

Number of Floods at MARFC Forecast Points - 2

Number of Floods Cresting in **Minor** Range - 2

Number of Floods Cresting in **Moderate** Range - 0

Number of Floods Cresting in **Major** Range - 0